

S E R V I C E N O T E

SUPERSEDES: NONE

**E4406A VSA Series Transmitter Tester
A10 Digital IF Assy A22 Processor Assy**

Serial Numbers: US00000000/US99999999

To Be Performed By: Agilent-Qualified Personnel

Situation:

The A10 Digital IF Assembly and A22 Processor Assy can become partially unplugged from the A21 Motherboard, causing symptoms such as a serial number = 0 or all license keys bad.

The problem stems from inadequate seating force between the A21 and A22 boards, which can cause the two boards to improperly connect. Additionally, this problem affects the A10 board (which plugs into both A21 and A22), causing it to become unseated from one of the connectors.

Measurement and I/O problems can result. The problem can be verified by checking the instrument serial number under the [System] <more> <show system> menu. Note that no errors are indicated by the instrument.

Solution / Action:

The problem can be corrected by firmly reseating the A22 and then the A10 assemblies in their connectors; however it may recur until a permanent repair is made. The occurrence of this problem may be minimized by avoiding impacts and flexure to the instrument chassis.

A permanent fix is in development. This note will be revised when that is available.

DATE: June 2001

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: MW	ENTITY: SA - PGU	AGILENT RESPONSIBLE UNTIL: June 2003	
		ADDITIONAL INFORMATION:	

